

What is claimed is:

1 1. A method of perforating and surging a section of a wellbore extending
2 from a well surface, comprising:
3 running a perforating gun into the wellbore on a string having an isolation
4 valve above the perforating gun;
5 closing the isolation valve;
6 perforating the well with the isolation valve closed so that the formation is
7 isolated from the well surface;
8 providing an underbalance pressure above the isolation valve; and
9 then, opening the isolation valve to surge the formation.

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1 2. The method of claim 1, wherein the running, perforating, and opening acts
2 are performed in a single trip.

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1 3. The method of claim 1, further comprising providing a tubing above the
2 isolation valve in the string, wherein providing the underbalance condition comprises
3 providing the underbalance condition in the tubing.

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1 4. The method of claim 1, further comprising:
2 providing a chamber underneath the isolation valve;
3 opening the chamber prior to perforating to create an underbalance
4 condition in a region of the wellbore below the isolation valve.

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1 5. The method of claim 4, wherein opening the chamber comprises opening
2 one or more ports of the chamber.

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1 6. The method of claim 4, wherein opening the one or more ports comprises
2 opening the one or more ports by explosive force.